

PUBLIC NOTICE

PERMIT APPLICATION: NRS 08.032

APPLICANT: John L. Hewitt, P.E.
Tennessee Department of Transportation
Environmental Planning and Permits Division
Suite 900, James K. Polk Building
505 Deaderick Street
Nashville, Tennessee 37243-0338
615-253-2477

LOCATION: The proposed alterations are located along State Route (SR) 53 from north of Interstate Drive to near Parks Creek Road in Coffee County outside of Manchester, TN.

WATERSHED DESCRIPTION: The proposed alterations would impact Parks Creek, an unnamed tributary to Parks Creek, two unnamed tributaries to Duck River, and a wetland. All aquatic resources are located in the Upper Duck River watershed (HUC 06040002). The wetland is adjacent to Parks Creek. Please see the table below for details on the streams. Land use in the immediate area is residential and agriculture.

Resource Name	Channel bottom width	Top of bank width	Bank height	Substrate
UNT Duck River	5-6'	5-8'	1-3'	Mud, gravel, pebbles, sand, clay
UNT Duck River	1'	2-5'	1-2'	Clay. Sand, pebbles
UNT Parks Creek	1-2'	2-4'	1"-1'	Mud, gravel, leaves
Parks Creek	25-30'	25-40'	1-3'	Gravel, mud, sand, silt/clay

UNT = unnamed tributary; information provided in table above is from the applicant

Parks Creek has been assessed as fully supporting its classified uses. Those uses are fish and aquatic life, recreation, livestock watering and wildlife, and irrigation. All other streams and the wetland have not been assessed.

PROJECT DESCRIPTION: The applicant proposed to alter several streams and a wetland in order to accommodate the widening of SR 53 along its existing alignment. The alterations are listed below.

Station 288+40± L to 282+60± L, unnamed tributary to Parks Creek, (35.5532°N, 86.0827°W):

Existing Conditions are 75 ft. of culvert and 505 ft. of open stream. Proposed Conditions are remove the existing culvert, construct 41 ft. of 30 inch pipe with 10 ft. of "U" end walls at the inlet and outlet on Park Creek Rd., 30 ft. of 24 inch pipe with 18 ft. of type "U" end walls at the inlet and outlet at a private drive, rock fill to catch water seeps feeding the current stream, and 488 ft. of relocated channel. The relocated channel would have trees planted along one bank.

Station 167+55.00, unnamed tributary to Duck River, (35.5208°N, 86.0826°W): Existing Condition is approximately 50 ft. of box culvert. Proposed Condition is a 180 ft. of 12 ft. x 4 ft. concrete box culvert with 30 ft. of rip-rap at the inlet and outlet.

Station 189+18.70, unnamed tributary to Duck River, (35.5266°N, 86.0816°W): Existing Condition is a 24 inch culvert. Proposed Condition is 137 ft. of 44 inch x 27 inch concrete arch pipe with 12 ft. of "U" type end wall at the inlet and outlet. Associated with the bridge replacement is a "V" bottom sod ditch for storm water.

Station 278+11.51, Parks Creek, (35.0007°N, 86.0825°W): Existing Condition is 53 ft. of 3 – 15 ft. x 8 ft. of concrete box culvert. Proposed Conditions are 78 ft. of extension to the existing culvert at the inlet

and 134 ft. of extension at the outlet, and 20 ft. of rip-rap at the outlet. Associated with the culvert extension is a flat bottom “T” rip-rap ditch for storm water discharge.

Station 276+00±, wetland, (35.0007°N, 86.0825°W): Existing condition is 0.116 ac. of wetland. Proposed Condition is the temporary impact to 0.116 ac. of the wetland. The applicant proposes to restore the wetland after construction is complete.

USGS TOPOGRAPHIC QUADRANGLE: Fredonia, TN (85 – SE)

PERMIT COORDINATOR: Trent Thomas

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant’s name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department’s address for review and/or copying. The department’s address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

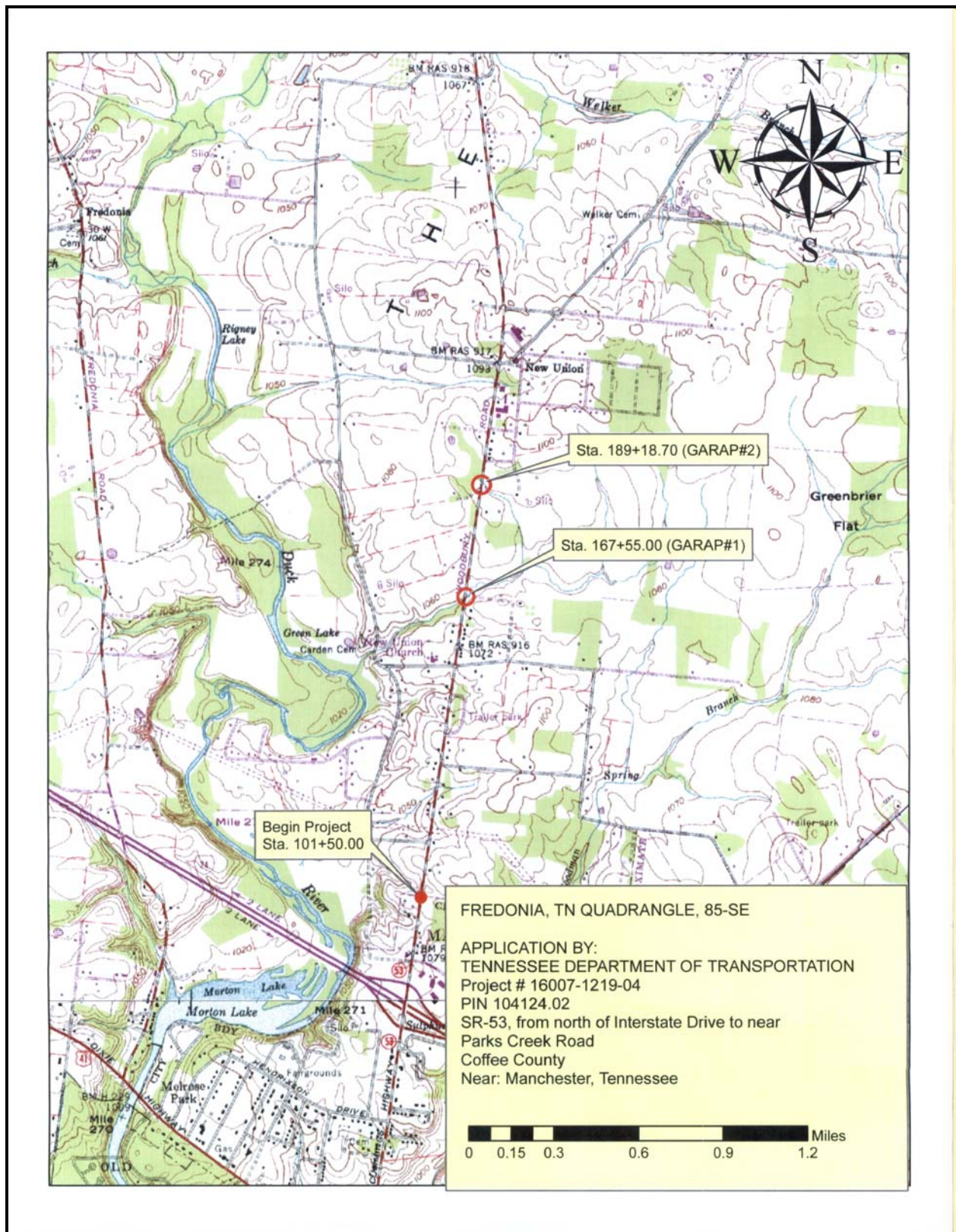


Figure 1: Approximate location of proposed impacts

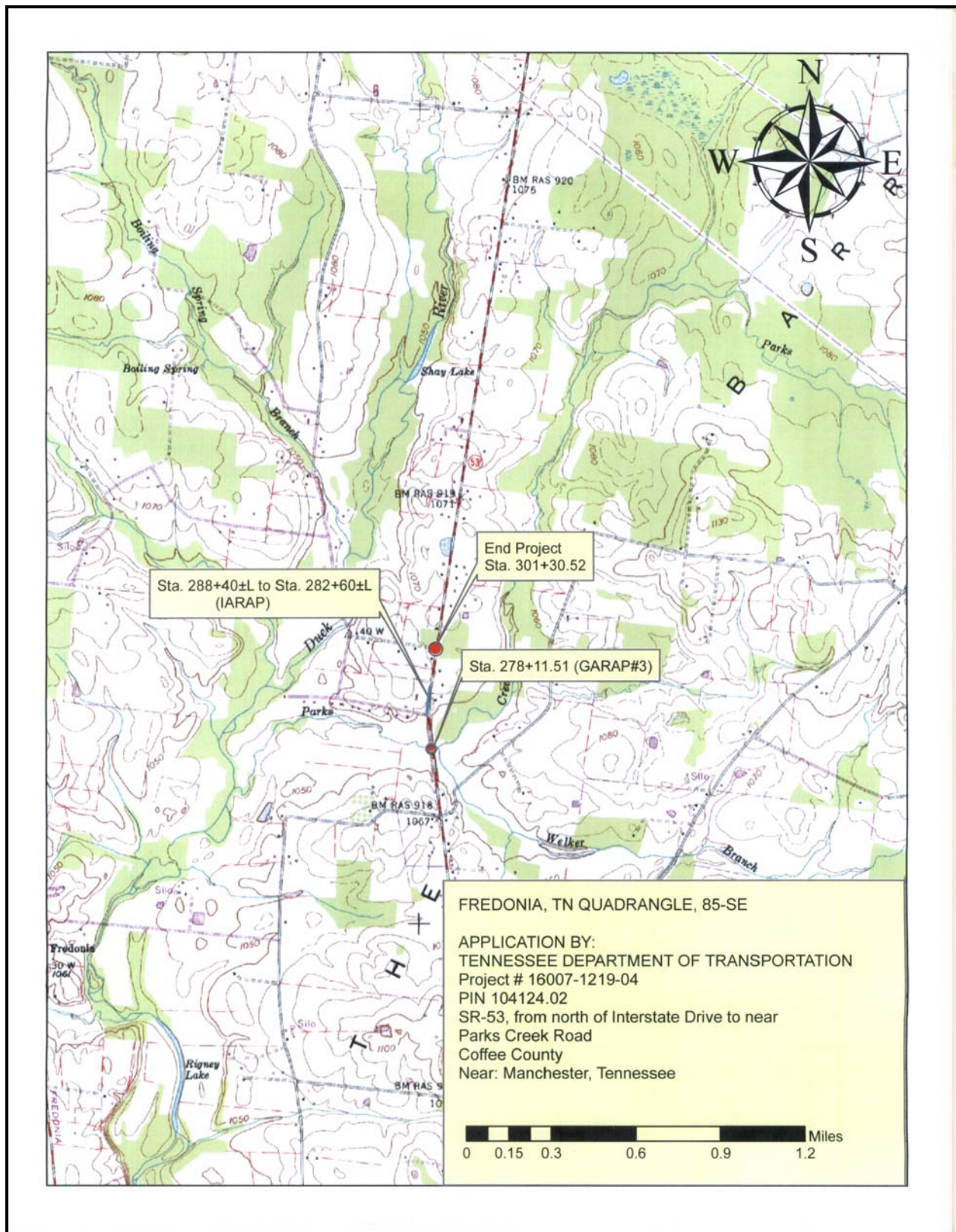


Figure 2: Approximate location of proposed impacts, continued

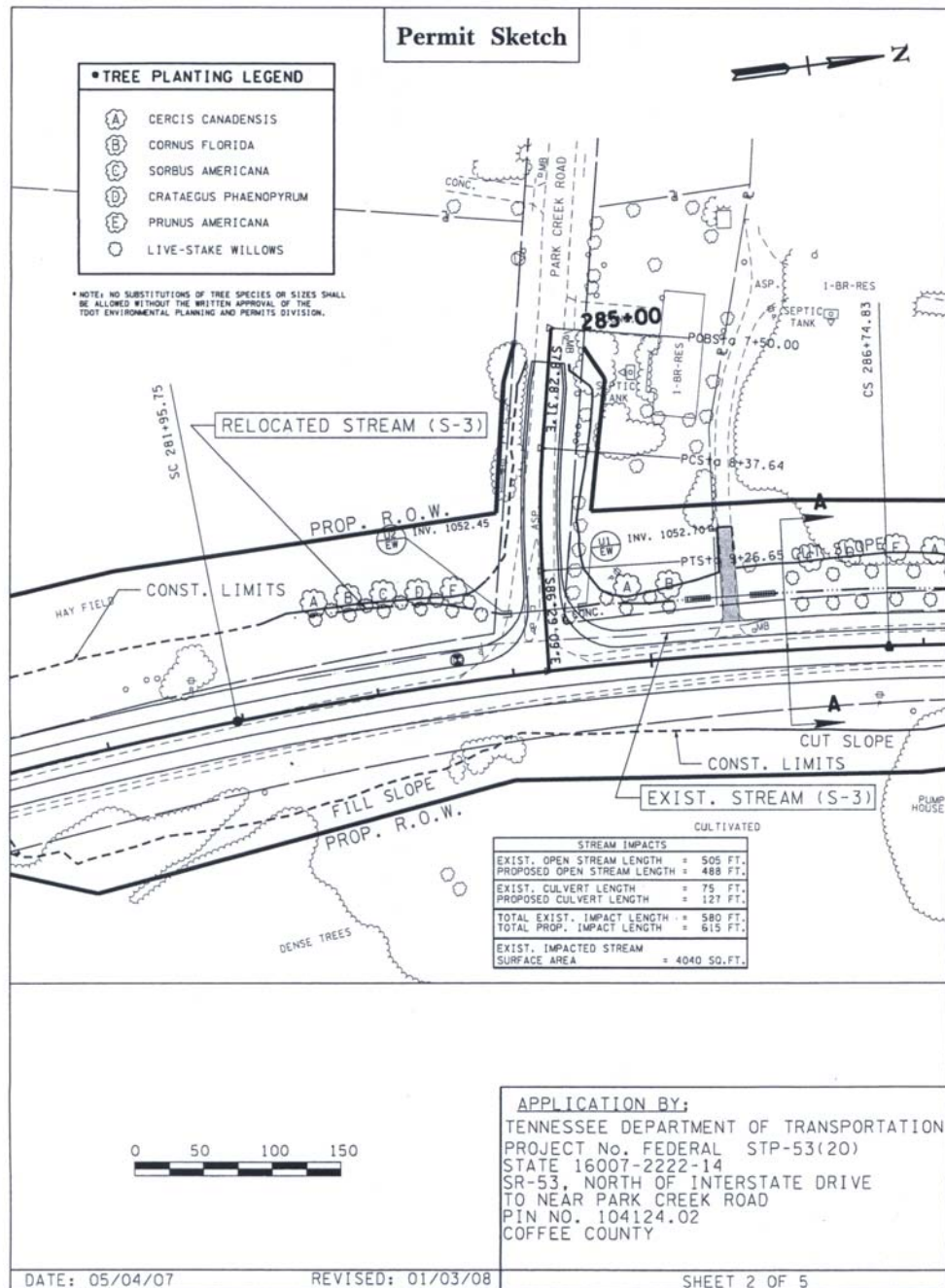


Figure 3: Permit sketch of stream relocation

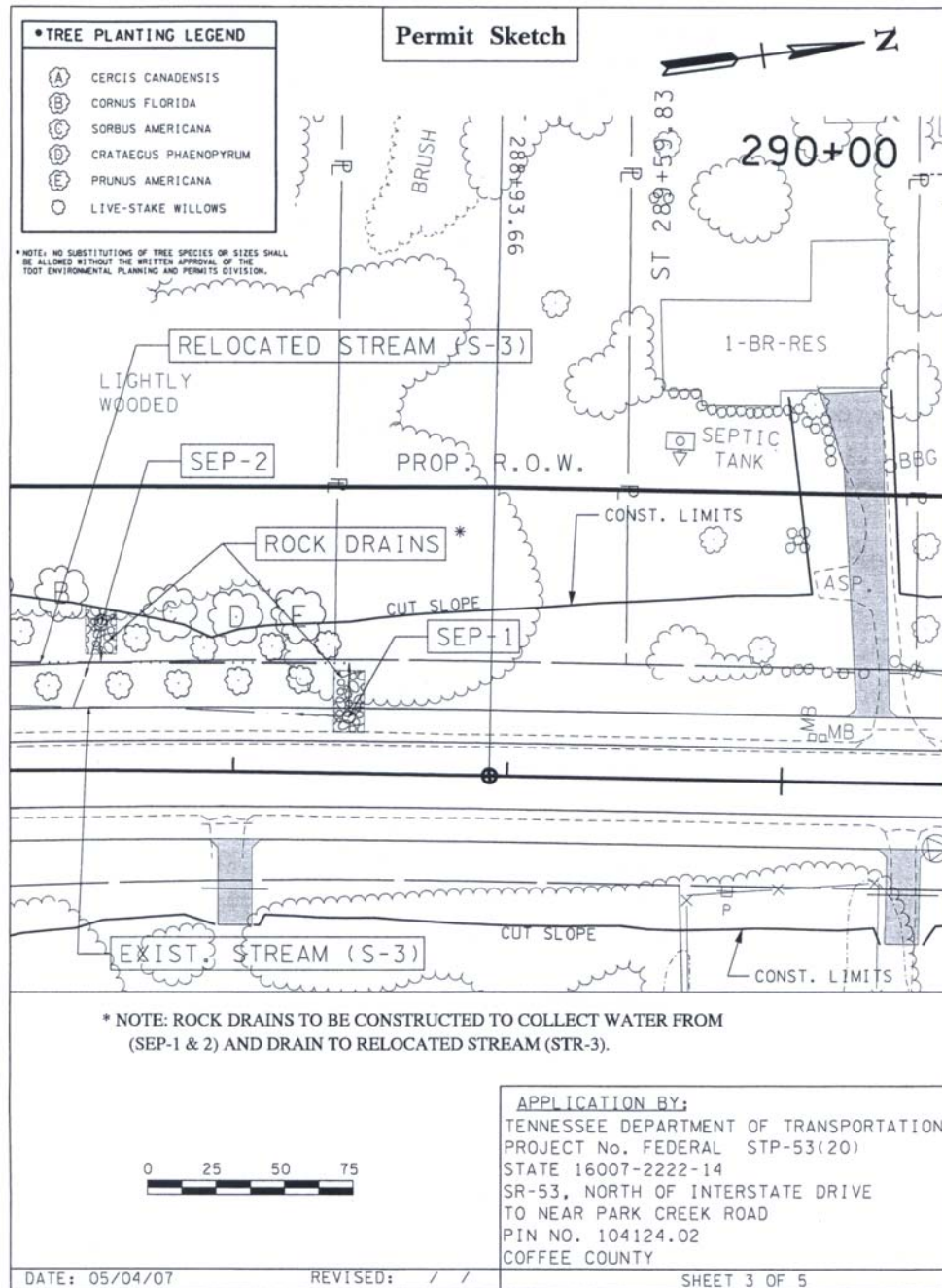


Figure 4: Permit sketch of stream relocation, continued

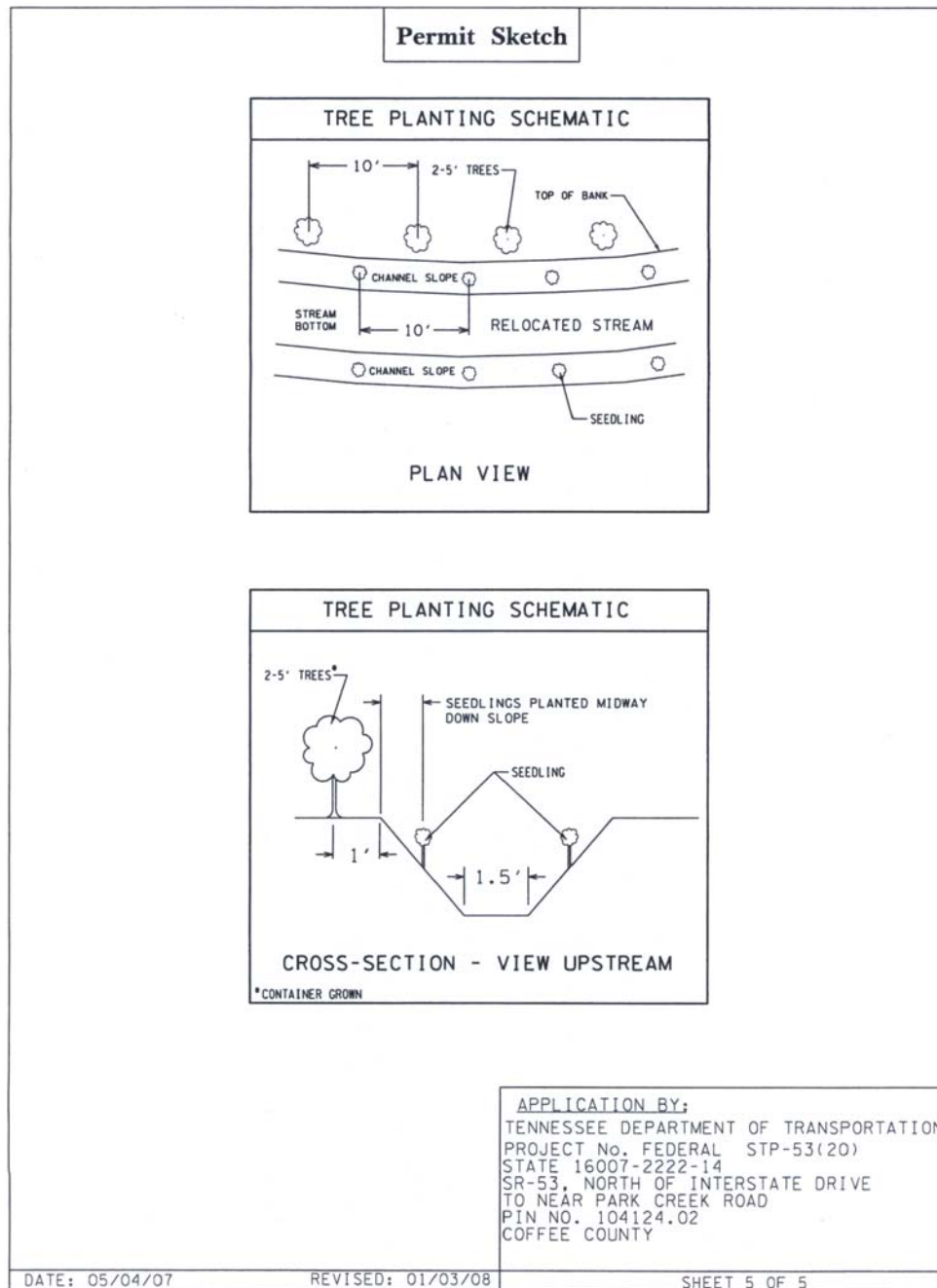


Figure 5: Permit sketch of stream relocation, continued